



Suction and transport hose; Light, smooth interior

Applications: Universal suction and transport hose, especially suitable:

- for solids such as dust, powder and fibres
- for gaseous and liquid media
- for de-dusting and suction plants, air conditioning and ventilation

- Properties**
- light model
 - smooth interior
 - optimized flow properties
 - flexible
 - good resistance to alkalis and acids
 - good resistance to chemicals
 - good resistance to UV and ozone
 - small bending radius
 - kink-proof

- gas and liquid tight
- free of phthalat
- flame-retardant according to: UL94-HB
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

- Temperature Range**
- -20 °C approx. to +70 °C approx.
 - short time to +80 °C approx.

- Design, material**
AIRDUC® profile hose
1. spring steel wire firmly embedded in wall

2. profile with optimised flow properties
wall: high grade soft PVC
3. wall thickness 0.9 mm approx.

- Delivery variants**
- cut lengths and special lengths
 - grey (standard)
 - special colours: transparent, full coloured
 - customer-specific product marking
 - wall: „bioplastic“ material derived from renewable raw materials without UL approval
 - as a pre-assembled hose system with NORCONNECT connectors
 - customised connectors

I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
20	27	1,370	0,260	27	0,190	10	15	341-0020-0000
25	32	1,110	0,250	32	0,230	10	15	341-0025-0000
30	38	0,930	0,235	38	0,250	10	15	341-0030-0000
32	40	0,875	0,230	40	0,270	10	15	341-0032-0000
35	43	0,800	0,225	43	0,300	10	15	341-0035-0000
38	46	0,740	0,215	46	0,320	10	15	341-0038-0000
40	48	0,705	0,210	48	0,330	10	15 20	341-0040-0000
42	50	0,670	0,205	50	0,350	10	15	341-0042-0000
45	53	0,630	0,195	53	0,370	10	15	341-0045-0000
50	58	0,565	0,180	58	0,410	10 15	-	341-0050-0000
55	63	0,515	0,160	63	0,450	10	15	341-0055-0000
60	68	0,475	0,145	68	0,490	10	15	341-0060-0000
65	73	0,440	0,125	73	0,520	10	15	341-0065-0000
70	79	0,410	0,105	79	0,540	10	15	341-0070-0000
75	84	0,380	0,095	84	0,580	10	15	341-0075-0000
80	89	0,360	0,090	89	0,610	10	15	341-0080-0000
90	99	0,320	0,075	99	0,700	10	15	341-0090-0000
100	109	0,285	0,060	109	0,850	10 15	20	341-0100-0000
102	111	0,275	0,060	111	0,860	-	10 15	341-0102-0000
105	114	0,275	0,060	114	0,890	10	15	341-0105-0000
110	119	0,260	0,055	119	0,940	10	15	341-0110-0000
115	124	0,250	0,055	124	0,980	10	15	341-0115-0000
120	129	0,240	0,050	129	1,020	10	15	341-0120-0000
125	134	0,230	0,040	134	1,060	10	15	341-0125-0000
127	136	0,225	0,040	136	1,080	-	10 15	341-0127-0000
130	139	0,220	0,040	139	1,100	10	15	341-0130-0000
140	149	0,205	0,040	149	1,180	10	15	341-0140-0000
150	159	0,190	0,040	159	1,260	10	15	341-0150-0000
152	161	0,188	0,040	152	1,270	-	10 15	341-0152-0000
160	169	0,180	0,035	169	1,350	10	15 20	341-0160-0000



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		Overpressure	Vacuum						
mm	mm	bar	bar	mm	kg/m	m	m		
170	179	0,170	0,030	179	1,430	-	10 15	341-0170-0000	
175	184	0,165	0,030	184	1,470	-	10 15	341-0175-0000	
180	189	0,160	0,030	189	1,510	10	15	341-0180-0000	
200	209	0,145	0,030	209	1,670	10	15	341-0200-0000	
225	234	0,130	0,020	234	2,260	10	15	341-0225-0000	
250	259	0,115	0,010	259	2,510	10	-	341-0250-0000	
275	284	0,105	0,010	284	2,760	-	10	341-0275-0000	
280	289	0,100	0,010	289	2,800	10	-	341-0280-0000	
300	309	0,095	0,010	309	3,000	10	-	341-0300-0000	
315	324	0,090	0,010	324	3,150	10	-	341-0315-0000	
320	329	0,090	0,010	329	3,200	-	10	341-0320-0000	
325	334	0,085	0,010	334	3,250	-	10	341-0325-0000	
350	359	0,080	0,005	359	3,500	10	-	341-0350-0000	
375	384	0,075	0,005	384	4,210	-	10	341-0375-0000	
400	410	0,070	0,005	410	4,490	10	-	341-0400-0000	
450	460	0,065	0,005	460	5,050	-	10	341-0450-0000	
500	510	0,055	0,005	510	5,600	10	-	341-0500-0000	

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.

Accessories

